

ABSTRACT

A biopsy device for taking tissue samples, includes a housing, a removable element and a control panel. The housing contains an electric power source and a tension slide connected to the power source. The tension slide may be brought into a cocked position against the action of a spring by the power source. The removable element is configured for insertion into the housing and includes a biopsy needle unit, a vacuum pressure-generating device and a control panel. The removable element may be provided as a sterile package unit. The biopsy needle unit can be arranged on the tension slide and includes a hollow biopsy needle with a sample removal chamber and a cutting sheath. The biopsy device can be held in one hand and is fully integrated with all components required to perform a vacuum biopsy such that no cables or lines are required to other external units.